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PATENT - POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Patent Number	See Attached (Statement 3.73(b))
	Issue Date	
	First Named Inventor	
	Title	
	Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified patent.

 A Power of Attorney is submitted herewith.**OR** I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

73658

OR I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

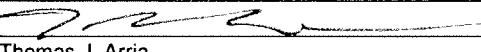
Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified patent to:

 The address associated with the above-mentioned Customer Number.**OR** The address associated with Customer Number: **OR** Firm or Individual Name Address City State Zip Country Telephone Email

I am the:

 Inventor, having ownership of the patent.**OR** Patent owner.Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on **SIGNATURE of Inventor or Patent Owner**

Signature 	Date <input type="text" value="10/18/12"/>
Name <input type="text" value="Thomas J. Arria"/>	Telephone <input type="text" value="781-219-8760"/>
Title and Company <input type="text" value="Senior IPR Specialist, Nokia Corporation"/>	

NOTE: Signatures of all the inventors or patent owners of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*. *Total of one forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

LIMITED POWER OF ATTORNEY

that we, the undersigned, under the authority granted to each of us to sign jointly on behalf of

Nokia Inc.
200 S. Mathilda Avenue
Sunnyvale, CA 94086 USA

hereby authorize the following person,

NOKIA
200 S Mathilda Ave.
Sunnyvale, CA 94086

Thomas Arria
Nokia Inc.
15 Wayside Road
Burlington, MA 01803 USA

in his capacity as Senior IP Specialist, Patenting, Legal and Intellectual Property, to sign alone in the name of Nokia Inc. all the documents that relate to the filing, prosecution and registration of patent applications, as well as post-grant operations relating to patents granted based on such patent applications. Such documents may include without limitation case-specific Powers of Attorney, Assignment Deeds for assigning the ownership of an invention to Nokia Inc., Novelty Declarations and Inventorship Declarations.

The rights granted under this Power of Attorney may not be transferred further, other than as specified above.

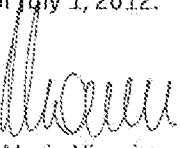
The authority granted by this Power of Attorney shall expire six (6) months from the effective date.

Notwithstanding the foregoing, the authority granted by this Power of Attorney shall expire when the authorized person's employment with Nokia ends.

This Power of Attorney is duly signed on this day of July 1, 2012.

NOKIA INC.

By: 
Name: Benjamin C. Adams
Title: Vice President

By: 
Name: Mario Viamin
Title: Vice President & Treasurer